

# OCSPP Deep Dive: Pesticide Registration

## What Is Registration Review?

### Statutory Mandate – FIFRA Section 3(g)

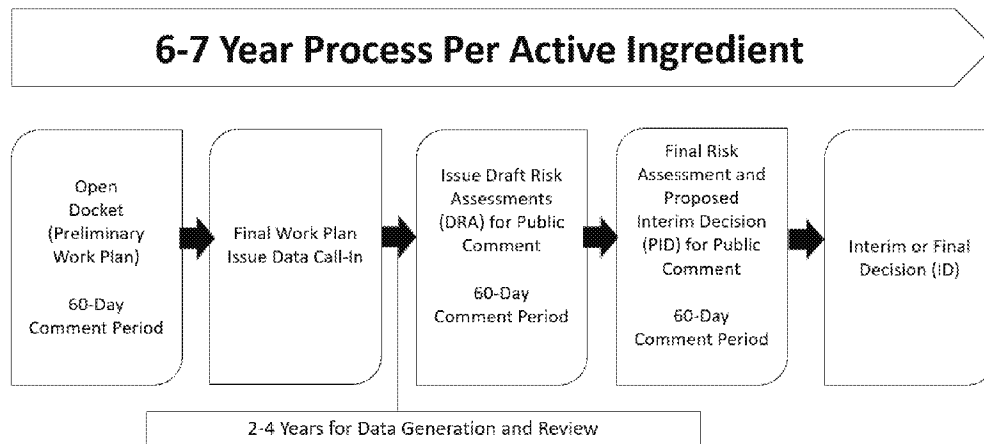
- Requires review of each registered pesticide every 15 years

### Scope – ~725 “cases” encompassing over 1,100 pesticide active ingredients (A.I.)

- Conventional, antimicrobial, and biopesticides

### Statutory Deadline – EPA must complete review of all pesticides by 10/1/2022

## Registration Review Process Flow



## Case Study: Glyphosate (Commonly Referred to as “Roundup”)

### Overview

- **Most commonly-used herbicide in the U.S.**, registered for use on more than 100 food crops as well as in residential areas.
- Several crops have been engineered to be resistant to glyphosate (e.g., corn, soybean, canola, cotton, and sugar beets).

### Current Status

- An extended PID comment period closed 9/3/19. ID scheduled for the January 2020.
- Proposed mitigation focused on efforts to reduce spray drift to non-target organisms.
- OCSPP expects to release a draft ESA biological evaluation by August 2020.

### Key items of note

- No risks of concern for human health. Potential risks of concern for non-target organisms and monarch butterfly habitat.
- The International Agency for Research on Cancer (IARC) classified glyphosate as “probably carcinogenic to humans”.
- EPA and most other regulatory organizations have reached opposite conclusions; nevertheless 18 countries have instituted full or partial bans.

### Stakeholder Interest

- Many consumer groups have urged EPA to ban glyphosate. They visited OPP in 2014 and 2019.
- Agricultural stakeholders have repeatedly stated the critical need for glyphosate’s continued availability.

## Schedule for Select Pesticide Actions

As of October 30, 2019

Month/Year	Draft Risk Assessment (DRA)	Proposed Interim Decision (PID)	Interim/Final Decision (ID)
October 2019	Paraquat	Pyrethroids	
November 2019	Heavy Duty Wood Preservatives Irgarol		M-44 (revisited)
December 2019		Atrazine; Methomyl	
January 2020	1,3-D	Neonicotinoids	Glyphosate
March 2020	Fipronil Peroxy Compounds Ethylene Oxide Isothiazolones	Heavy Duty Wood Preservatives Irgarol	
April 2020	Rodenticides		
June 2020	Naled; Chlorothalonil		
August 2020	Chlorpyrifos	2,4-D	
September 2020	Structural Fumigants	Peroxy Compounds Ethylene Oxide Isothiazolones Chlorpyrifos	Heavy Duty Wood Preservatives Irgarol
October 2020			
November 2020			Pyrethroids Atrazine

## Leaning the Process

### Bundling

In FY2019, OCSPP conducted an A-3 project aimed at shortening the 9-12 month timeframe between the publication of the draft risk assessment and completion of the Proposed Interim Decision by 25% for all conventional pesticide registration review cases. By the end of FY2019, OCSPP was able to achieve a 40% reduction in this timeframe, primarily by combining the draft risk assessment and the proposed interim decision into a single phase. This was achieved by incorporating stakeholder feedback and registrant negotiation earlier into the process.

### Lean Goal

In FY2020, OCSPP will conduct ELMS deployments for several aspects of the registration review process, including:

- Re-examining the registration review process for antimicrobial pesticides,
- Leaning the process for conducting human health and ecological risk assessments for conventional pesticides, and
- Streamlining the process for conducting benefits assessments for registration review actions.

### Performance

As of October 1, 2019, OCSPP has completed

- ~545 draft registration review risk assessments (~25% remaining to meet the 2020 deadline)
- ~451 proposed interim decisions (~38% remaining to meet the 2020 deadline)
- ~382 final/interim decisions (~47% remaining to meet the 2020 deadline)

To work toward achieving the 2020 deadline, in FY2020 OCSPP has established two bowling chart measures for the registration review program

- Complete 80 draft risk assessments (which would leave ~14% remaining to meet the 2020 deadline)
- Complete 110 final/interim decisions (which would leave ~32 remaining to meet the 2020 deadline)